

ENVIRONMENTAL BORING LOG

Boring No. **B14**

PROJECT: BLUE LAKE MARKET
BORING LOCATION: 60 FEET SE OF MW1
DRILLING METHOD: DIRECT PUSH
DRILLER: LACO ASSOCIATES
DEPTH TO WATER: INITIAL ∇ : 13.0
SITE GEOLOGY: UPLIFTED FLUVIAL AND FLOODPLAIN DEPOSITS

PROJECT NO.: 3888.02
DATE: 9/13/2005
ELEVATION: APPROX. 88 FEET NAVD
LOGGED BY:
COMPLETION ∇ : NA

ELEVATION/ DEPTH	SOIL SYMBOLS, SAMPLERS AND TEST DATA	USCS	Description	P.I.D. ppm	Hanby result
0		GM	SILTY SAND WITH GRAVEL; Light to dark brown, loose, dry to moist; Approximately 60% well graded sand, 25% fine gravel, 15% silt; No hydrocarbon odor or staining.	40	
2.5		ML	SANDY SILT; Dark brown, hard, wet; Approximately 55% silt, 15% clay medium to high plasticity, 30% fine sand; Gravel lens at 4.5' to 4.8' bgs; Slight hydrocarbon odor at approximately 8' bgs, no staining.		
5		GM	SILTY GRAVEL WITH SAND; Dark gray to brown, medium dense to dense, moist to wet; Approximately 45% fine and medium subangular to subrounded gravel, 25% fine and medium sand, 25% silt, 5% clay; Medium hydrocarbon odor, no staining.	214	
7.5		SM			
10		ML	SILTY SAND; Dark gray, medium dense to dense, moist to wet; Approximately 60% fine and medium sand, 30% silt, 10% clay; Strong hydrocarbon odor, no staining.	302	
12.5		ML	SANDY SILT; Dark brown, stiff to hard, moist to wet; Approximately 55% silt, 15% clay medium to high plasticity, 30% fine sand; Slight hydrocarbon odor, no staining.		
15		ML	GRAVELLY SILT WITH SAND; Dark gray to brown, medium dense to dense, moist to wet; Approximately 40% silt, 5% clay, 30% fine and medium subangular to subrounded gravel, 25% fine and medium sand; Slight hydrocarbon odor, no staining.		
17.5			SANDY SILT; Dark brown, stiff to hard, moist to wet; Approximately 55% silt, 15% clay medium to high plasticity, 30% fine and medium sand; 1.5 inch thick gravel layer at 14.9 feet bgs. Slight hydrocarbon odor, no staining. HALT AT 16 FEET BGS.		

Hand auger to 4 feet bgs. Soil samples collected at 4ft, 8ft, 11ft, 14ft, and 16ft bgs; grab groundwater samples collected with dedicated PVC tubing equipped with a check valve.

Figure _____